UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM INSPECTION CHECKLIST

For use of this form see TM 5-694; the proponent agency is COE▪

SECTION A - CUSTOMER DATA

1. PLANT/BUILDING	2. LOCATION	3. JOB NUMBER
4. EQUIPMENT	5. CIRCUIT DESIGNATION	6. DATE *(YYYYMMDD)*
7. TEST EQUIPMENT		8. TESTED BY

SECTION B - VISUAL AND ELECTRICAL/MECHANICAL INSPECTION

9. CHECK POINT	COND*	NOTES	CHECK POINT	COND*	NOTES
COMPONENT INSPECTION/TESTING			ENERGIZE AND TEST SYSTEM		
INSTALLATION INSPECTION/TESTING			UTILITY TRIP TEST		
WIRING VISUAL VERIFICATION			LOADED TRANSFER TEST (NORMAL, EMERGENCY & RETURN)		
GENERATOR CONTROL FUNCTIONS			TIGHTNESS OF BOLTED CONNECTIONS		
LOADING UPS TEST			BATTERY DISCHARGE TEST		
DISCONNECT RECTIFIERS & INVERTERS SEPARATELY. DOES SYSTEM OPERATE CORRECTLY?			TEST ALL UPS DIAGNOSTIC FAULT INDICATORS		

SECTION D - ELECTRICAL TESTS

10.	A-N	B-N	C-N	A-B	B-C	C-A	A	B	C	N	G
UPS INPUT											
UPS OUTPUT	A-N	B-N	C-N	A-B	B-C	C-A	A	B	C	N	G
UPS SWITCHBOARD HARMONIC (THD)	A-N	B-N	C-N	A-B	B-C	C-A	A	B	C	N	G

11. NOTES

*CONDITION: A=ACCEPTABLE; R=NEEDS REPAIR, REPLACEMENT OR ADJUSTMENT; C=CORRECTED; NA=NOT APPLICABLE
**NOTE VALUE AND PHASING